

Image

2877

PTO/SB/21 (08-05)

Approved for use through 08/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/023,472
	Filing Date	12/17/2001
	First Named Inventor	William J. Kerns
	Art Unit	2877
	Examiner Name	Richard A. Rosenberger
Total Number of Pages in This Submission	Attorney Docket Number	2460

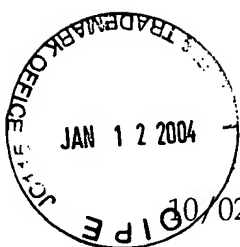
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s) . . .	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	IDS Transmittal Letter; Cited References; Check in the amount of \$180; and Return Postcard
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Beck & Tysver, P.L.L.C.
Signature	<i>Stephanie J. James</i>
Date	

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	Stephanie J. James
Signature	<i>Stephanie J. James</i>
Date	1/6/04

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10/023,472

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	William J. Kerns et. al	Examiner:	Richard A. Rosenberger
Serial No.:	10/023,472	Group Art Unit:	2877
Filing Date:	December 17, 2001	Docket No.:	2460
Title	Identification Particle and System and Method for Retrospective Identification Using Spectral Codes		

Date of Deposit: 1/6/04

I hereby certify that this paper is being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, Alexandria, VA 22313

Signature:

Printed Name: Stephanie J. James

Transmittal of
Information Disclosure Statement
37 C.F. R. §1.97(c)

Assistant Commissioner for Patents
Washington, DC 20231

With regard to the above-identified application, the items of information listed on the enclosed Information Disclosure Statement are brought to the attention of the Examiner under the terms of 37 C.F.R. §1.97(c). This statement should be considered because it is submitted after the mailing date of a first Office Action on-the-merits, but before the mailing date of a final action under 37 C.F.R. § 1.113, and before the mailing date of the Notice of Allowance under 37 C.F.R. §1.311.

Enclosed is a check in the amount of \$180 under 37 C.F.R. § 1.17(p) for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed.

01/14/2004 MBELETE1 00000050 10023472

01 FC:1806

180.00 OP

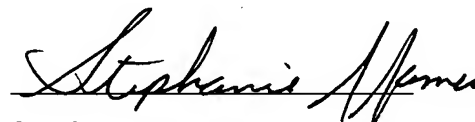
No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103. Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended. The Applicant reserves the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish either point to the contrary.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Information Disclosure Statement, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 500246.

Respectfully submitted,
MICROTRACE, INC.
By its attorneys:

Date: 1/6/04



Stephanie J. James
Registration No. 34,437
Beck & Tysver, P.L.L.C.
2900 Thomas Ave., #100
Minneapolis, MN 55416
Telephone: (612) 915-9636
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PTO/SB/17 (10-03)

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

Complete if Known

Application Number	10/023,472
Filing Date	12/17/2001
First Named Inventor	William J. Kerns
Examiner Name	Richard A. Rosenberger
Art Unit	2877
Attorney Docket No.	2460

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

500-246

Beck & Tysver, P.L.L.C.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** =	X	
Independent Claims	-3** =	X	
Multiple Dependent			

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)				

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 180.00)

SUBMITTED BY

Name (Print/Type) Stephanie J. James

Registration No. 34,437
(Attorney/Agent)

(Complete if applicable)

Telephone 612-915-9633

Signature

Date

1/6/04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/023,472
Filing Date	12/17/2001
First Named Inventor	William J. Kerns
Art Unit	2877
Examiner Name	Richard A. Rosenberger
Attorney Docket Number	2460

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,647,649	11/18/2003	Hunt et al.	
		US- 5,490,956	02/13/1996	Kito et al.	
		US- 5,805,245	09/08/1998	Davis	
		US- 5,826,915	10/27/1998	Gregory	
		US- 5,352,649	10/04/1994	Shibahashi et al.	
		US- 5,193,854	03/16/1993	Borowski et al.	
		US- 5,289,547	02/22/1994	Ligas et al.	
		US- 4,927,180	05/22/1990	Trundle et al.	
		US- 5,403,039	04/04/1995	Borowski et al.	
		US- 5,630,869	05/20/1997	Amon et al.	
		US- 5,807,625	09/15/1998	Amon et al.	
		US- 5,585,425	12/17/1996	Kito et al.	
		US- 5,984,366	11/16/1999	Priddy	
		US- 5,751,018	05/12/1998	Alivisatos et al.	
		US- 5,867,586	02/02/1999	Liang	
		US- 5,986,550	11/16/1999	Rapaport et al.	
		US- 5,949,055	09/07/1999	Fleet et al.	
		US- 6,005,960	12/21/1999	Moore	
		US- 5,864,622	01/26/1999	Marcus	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
Signature

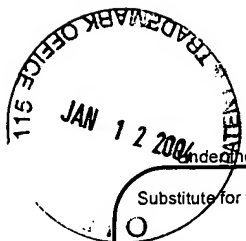
Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (08-03)



PTO/SB/08B (08-03)

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Substitute for form 1449/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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First Named Inventor	William J. Kerns
Art Unit	2877
Examiner Name	Richard A. Rosenberger
Attorney Docket Number	2460
Sheet 1 of 1	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Spear ThermoChromic Inks, www.spearinc.com/thermink.htm, 10 Jun 98	
		DynaHeat Plastisol "Color Change" ThermoChromic Inks, www.interactivecolors.com/plasinf1.htm, 1995	
		CTI ThermoChromic "Color Change" Plastisol, www.interactivecolors.com/pliscolor.htm, 1995	
		Security Inks, ThermoChromic Ink, http://ourworld.compuserve.com/homepages/Grant_Cari_Fairley/security.htm, 12/07/98	
		NVE Corporation, Advanced Technology Group, www.nve.com/advtech.html,	
		NVE Corporation Products, www.nve.com/product.html	
		NVE Sensor Products Business Group, www.nve.com/sbindex.html	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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